

**DECLARATION AND
POWER OF ATTORNEY
FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Declaration Submitted with Initial Filing

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number	20561Y
First Named Inventor	Leonardus H.T. Van der Ploeg
<i>COMPLETE IF KNOWN</i>	
Application Number	09/709,066
Filing Date	November 9, 2000
Group Art Unit	
Examiner Name	

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MELANOCORTIN-3 RECEPTOR DEFICIENT CELLS, NON-HUMAN TRANSGENIC ANIMALS AND METHODS OF SELECTING COMPOUNDS WHICH REGULATE BODY WEIGHT

Chlorophyll a Fluorescence

is attached hereto.

OR

OR was filed on (MM/DD/YYYY) 11/09/2000 as United States Application Number or PCT International

Application Number 09/709,066 and was amended on (MM/DD/YYYY) _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Attorney Docket Number	Priority Claimed? YES <input type="checkbox"/> NO <input type="checkbox"/>

Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	Attorney Docket Number
60/220,713	07/26/2000	20561PV2
60/165,141	11/12/1999	20561PV
60/165,074	11/12/1999	20510PV

Use type a plus sign (+) inside this box

Valid for use through 9/30/2000. OMB 651-0032
SUBSTITUTE for PTO/SB/01 (12-97). DECLARATION FOR, UTILITY OR DESIGN PATENT APPLICATION

DECLARATION AND POWER OF ATTORNEY for Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C 120 of any United States application(s), or 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information known to me to be material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Application Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint, respectively and individually, as my attorneys or agents with full power of substitution and revocation, the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Customer Number Place Customer Number Bar Code Label here
OR
 Registered practitioner(s) name/registration number listed below

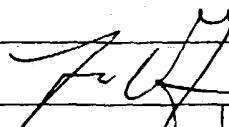
Name	Registration Number	Name	Registration Number
J. Mark Hand	36,545	Jack L. Tribble	32,633

Direct all correspondence to: Customer Number or Bar Code Label

000210

Name	J. Mark Hand				
Address	Merck & Co., Inc. - Patent Department				
Address	P.O. Box 2000, RY60-30				
City	Rahway	State	NJ	ZIP	07065-0907
Country	USA	Telephone	(732)594-3905	Fax	(732)594-4720

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	<input type="checkbox"/> A petition has been filed for this unsigned inventor				
Given Name (first and middle if any)	Family Name or Surname				
Leonardus H.T.	Van der Ploeg				
Inventor's Signature					
Residence: City	Sctoch Plains	State	N.J.	Country	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000				

Please type a plus sign (+) inside this box ➡ +

Approved for use through 9/30/2000. OMB 651-0032
SUBSTITUTE for PTO/SB/02A (3-97), Declaration (Additional Inventors)

DECLARATION AND POWER OF ATTORNEY

ADDITIONAL INVENTOR(S) Supplemental Sheet

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Howard Y.		Chen					
Inventor's Signature	<i>Howard Y. Chen</i>					Date	<i>Dec. 11, 2000</i>
Residence: City	Westfield	State	N.J.	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Airu S.		Chen					
Inventor's Signature	<i>Airu S.</i>					Date	<i>Dec. 11, 2000</i>
Residence: City	Westfield	State	N.J.	Country	US	Citizenship	US
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])		Family Name or Surname					
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address	Merck & Co., Inc., P.O. Box 2000						
City	Rahway	State	NJ	ZIP	07065-0907		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): L. Van Der Ploeg et al.

Serial No.: 09/709,066

Filed: November 9, 2000

For: MELANOCORTIN-3 RECEPTOR DEFICIENT CELLS, NON HUMAN
TRANSGENIC ANIMALS AND METHODS OF SELECTING
COMPOUNDS WHICH REGULATE BODY WEIGHT

Group Art Unit: 1632

Examiner: Anne Marie Baker, Ph.D.

ASSOCIATE POWER OF ATTORNEY

DOCKETED

OCT 17 2002

LORI A. SCHEPISI

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In connection with the above-identified application the undersigned attorney and/or agent of record hereby

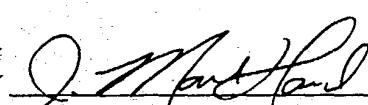
appoints Yang Xu Registration No. 45,243 c/o MERCK & CO., INC., Patent Dept.,

RY60-30, P.O. Box 2000, Rahway, New Jersey 07065-0907, an associate attorney and/or agent, to prosecute this application, to make alterations and amendments therein, to receive the patent and to transact all business in the Patent and Trademark Office connected therewith.

All communications in connection with the prosecution of the above-identified application should be sent to

Yang Xu c/o MERCK & CO., INC., Patent Dept., RY60-30, P.O. Box 2000, Rahway,
New Jersey 07065-0907.

Respectfully submitted,



By: J. Mark Hand

Attorney for Applicant(s)

Reg. No. 36,545

(732)594-3905

Date: May 17, 2002